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USEPA Region 5
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INDUSTRIAL

Subject:
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Time-Critical Removal Action – Former Plainwell Impoundment
Monthly Report (March 2008)

Date:
April 15, 2008

Dear Mike:

Attached is the thirteenth monthly progress report for the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site Time-Critical Removal Action (TCRA). This progress report is submitted in accordance with Section 19A of the February 2007 Administrative Settlement Agreement and Order on Consent for Removal Action (Docket No. V-W-07-C-863).

If you have any questions, please do not hesitate to contact me.

Sincerely,

ARCADIS

Stephen Garbaciak Jr., P.E.
Vice President

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MONTHLY REPORT FOR THE ALLIED PAPER, INC./PORTAGE CREEK/ KALAMAZOO RIVER SUPERFUND SITE TIME-CRITICAL REMOVAL ACTION – FORMER PLAINWELL IMPOUNDMENT

REPORT #13, MARCH 2008

PREPARED BY ARCADIS
APRIL 15, 2008

ON BEHALF OF THE KALAMAZOO RIVER STUDY GROUP

SUBMITTED TO

MICHAEL RIBORDY, ON-SCENE COORDINATOR
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site TCRA – Former Plainwell Impoundment

REPORT #13, MARCH 2008

Significant Developments and Activities during the Period

- On March 3, the Kalamazoo River Study Group (KRSG) submitted copies of the *36th* and *37th Weekly Construction Report for the Plainwell TCRA* to the United States Environmental Protection Agency (USEPA) and the Michigan Department of Environmental Quality (MDEQ).

- On March 4, the KRSG submitted the agenda for the TCRA 2008 pre-construction coordination meeting to USEPA and MDEQ.

- On March 5, the KRSG, USEPA, MDEQ, and Michigan Department of Natural Resources (MDNR) attended the TCRA 2008 pre-construction and coordination meeting in Plainwell.

- On March 12, the KRSG received a draft copy of the USEPA Press Release titled *Plainwell PCB Cleanup Progress, Updates, and Public Meeting.*

- On March 14, the KRSG submitted a figure showing the 2008 targeted removal areas to USEPA.

- On March 14, the KRSG provided comments to USEPA on the draft copy of the Press Release titled *Plainwell PCB Cleanup Progress, Updates, and Public Meeting.*

- On March 17, the USEPA issued the Press Release titled *Plainwell PCB Cleanup Progress, Updates, and Public Meeting.*

- On March 17, the KRSG submitted the twelfth *Monthly Report for the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site TCRA* for February 2008 to USEPA.

- On March 17, the KRSG submitted a copy of the *38th Weekly Construction Report for the Plainwell TCRA* to USEPA and MDEQ.

- On March 17 and 31, the KRSG submitted copies of analytical data from TCRA sampling activities to USEPA.

- On March 26, the KRSG submitted truck route information for the 2008 construction season to USEPA.

- On March 28, the KRSG submitted a copy of the *39th Weekly Construction Report for the Plainwell TCRA* to USEPA and MDEQ.

**Monthly Report for the Allied Paper, Inc./Portage Creek/
Kalamazoo River Superfund Site TCRA – Former Plainwell Impoundment**

REPORT #13, MARCH 2008

Data Collected and Field Activities Conducted During the Period

- During the week of March 3, the KRSG continued site preparation activities (clearing and grubbing and installation of staging areas and access roads) and hosted the TCRA 2008 pre-construction and coordination meeting. Wastewater samples W_SA3S_Influ_0034, W_SA3S_Influ_0035, W_SA3S_Influ_0036, W_SA3S_Influ_0037, W_SA3S_Influ_0038 (influent port), W_SA3S_MidA_0030, W_SA3S_MidA_0031, W_SA3S_MidA_0032, W_SA3S_MidA_0033, W_SA3S_MidA_0034 (midpoint port, right side), W_SA3S_MidB_0034, W_SA3S_MidB_0035, W_SA3S_MidB_0036, W_SA3S_MidB_0037, W_SA3S_MidB_0038 (midpoint port, left side), W_SA3S_EffluA_0030, W_SA3S_EffluA_0031, W_SA3S_EffluA_0032, W_SA3S_EffluA_0033, W_SA3S_EffluA_0034 (effluent port, right side), W_SA3S_EffluB_0034, W_SA3S_EffluB_0035, W_SA3S_EffluB_0036, W_SA3S_EffluB_0037 and W_SA3S_EffluB_0038 (effluent port, left side) were collected from the 25 gallon per minute (GPM) water treatment system located at Staging Area 3S. Table A summarizes the samples collected. Solidified material from Staging Area 5S was loaded into trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan (non-TSCA material) for disposal. This material was excavated from the Phase 1 Cofferdam Area in January; it was then processed and subsequently stored at Staging Area 5S during the winter.

- During the week of March 10, the KRSG continued site preparation activities (clearing and grubbing and installation of staging areas and access roads), installed a stop log removal system at the water control structure and began preparations for the removal of the Phase 1 Cofferdam. Wastewater samples W_SA3S_Influ_0039 (influent port), W_SA3S_MidA_0035 (midpoint port, right side), W_SA3S_MidB_0039 (midpoint port, left side), W_SA3S_EffluA_0035 (effluent port, right side) and W_SA3S_EffluB_0039 (effluent port, left side) were collected from the 25 GPM water treatment system located at Staging Area 3S. Table A summarizes the samples collected. Solidified material from Staging Area 5S was loaded into trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan (non-TSCA material) for disposal. This material was excavated from the Phase 1 Cofferdam Area in January; it was then processed and subsequently stored at Staging Area 5S during the winter.

- During the week of March 17, the KRSG continued site preparation activities (clearing and grubbing and installation of staging areas and access roads), installed scour protection downstream of the water control structure, installed new river closure signage and buoys and began to install resuspension controls in Removal Area 13B. Wastewater samples W_SA3S_Influ_0040 (influent port), W_SA3S_MidA_0036 (midpoint port, right side), W_SA3S_MidB_0040 (midpoint port, left side), W_SA3S_EffluA_0036 (effluent port, right side) and W_SA3S_EffluB_0040 (effluent port, left side) were collected from the 25 GPM water treatment system located at Staging Area 3S. A duplicate of sample W_SA3S_EffluB_0040 (W_SA3S_Dup_0009) was also collected. Table A summarizes the samples collected. Trees and stumps from winter clearing and grubbing activities were loaded into

trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan or the C&C Landfill in Marshall, Michigan (non-TSCA material) for disposal.

- During the week of March 24, the KRSG continued site preparation activities (clearing and grubbing and installation of staging areas and access roads), completed installing scour protection downstream of the water control structure, and began excavating 200 linear feet of material located at the downstream end of Removal Area 13B. Two surface water samples (TS30000 and TS30001) were collected from locations 150 feet downstream and 100 feet upstream, respectively, of Removal Area 13B for polychlorinated biphenyls (PCB) analysis. Due to the proximity of the spillway, the surface water sample could not safely be collected from its usual distance of 300 feet downstream of the removal area. A rinse blank (TS30002) was also collected. Wastewater samples W_SA3S_Influ_0041, W_SA3S_Influ_0042, W_SA3S_Influ_0043 (influent port), W_SA3S_MidA_0037, W_SA3S_MidA_0038, W_SA3S_MidA_0039 (midpoint port, right side), W_SA3S_MidB_0041, W_SA3S_MidB_0042, W_SA3S_MidB_0043 (midpoint port, left side), W_SA3S_EffluA_0037, W_SA3S_EffluA_0038, W_SA3S_EffluA_0039 (effluent port, right side), W_SA3S_EffluB_0041, W_SA3S_EffluB_0042 and W_SA3S_EffluB_0043 (effluent port, left side) were collected from the 25 GPM water treatment system located at Staging Area 3S. Table A summarizes the samples collected. Trees and stumps from winter clearing and grubbing activities were loaded into trucks and transported to the Ottawa County Farms Landfill in Coopersville, Michigan or the C&C Landfill in Marshall, Michigan (non-TSCA material) for disposal.

- Due to inclement weather, no work was conducted on March 31, and no samples were collected.

- As of March 31, approximately 40,000 cubic yards of material had been excavated from Removal Areas 1, 2A and 2B, 3A and 3B, 4A and 4B, 5, 6A and 6B, 7, 8, 13B, the Phase 1 Cofferdam Area, Upland Areas 3A1, 3A2, 4A1 and 6B1, and Islands 1, 2 and 3.

Laboratory Data Received During the Period

- During the week of March 3, the KRSG received total petroleum hydrocarbon (TPH) analytical data for sample K25768 (collected in February) and analytical data for wastewater samples W_SA3S_Influ_0034, W_SA3S_Influ_0035, W_SA3S_Influ_0036, W_SA3S_Influ_0037, W_SA3S_MidA_0030, W_SA3S_MidA_0031, W_SA3S_MidA_0032, W_SA3S_MidA_0033, W_SA3S_MidB_0034, W_SA3S_MidB_0035, W_SA3S_MidB_0036, W_SA3S_MidB_0037, W_SA3S_EffluA_0030, W_SA3S_EffluA_0031, W_SA3S_EffluA_0032, W_SA3S_EffluA_0033, W_SA3S_EffluB_0034, W_SA3S_EffluB_0035, W_SA3S_EffluB_0036 and W_SA3S_EffluB_0037.

- During the week of March 10, the KRSG received analytical data for aggregate samples K25768 (with the exception of TPH) (collected in February) and K25770 (TPH only) (collected in February), carbon samples Carbon 3 and Carbon 4 (collected in February), soil sample K25769 (collected in February),

and wastewater samples W_SA3S_Influ_0038, W_SA3S_MidA_0034, W_SA3S_MidB_0038, W_SA3S_EffluA_0034 and W_SA3S_EffluB_0038.

- During the week of March 17, the KRSG received analytical data for aggregate sample K25770 (with the exception of TPH) (collected in February) and wastewater samples W_SA3S_Influ_0039, W_SA3S_Influ_0040, W_SA3S_MidA_0035, W_SA3S_MidA_0036, W_SA3S_MidB_0039, W_SA3S_MidB_0040, W_SA3S_EffluA_0035, W_SA3S_EffluA_0036, W_SA3S_EffluB_0039, W_SA3S_EffluB_0040 and W_SA3S_Dup_0009.

- During the week of March 24, the KRSG received analytical data for wastewater samples W_SA3S_Influ_0041, W_SA3S_Influ_0042, W_SA3S_MidA_0037, W_SA3S_MidA_0038, W_SA3S_MidB_0041, W_SA3S_MidB_0042, W_SA3S_EffluA_0037, W_SA3S_EffluA_0038, W_SA3S_EffluB_0041 and W_SA3S_EffluB_0042.

- On March 31, the KRSG received analytical data for wastewater samples W_SA3S_Influ_0043, W_SA3S_MidA_0039, W_SA3S_MidB_0043, W_SA3S_EffluA_0039 and W_SA3S_EffluB_0043.

- The KRSG is awaiting analytical results for surface water samples TS30000, TS30001 and TS30002.

Issues Encountered and Actions Taken

- During the week of March 10, erosion of bank material was observed near the upstream portion of Removal Area 7B. This area was closely monitored throughout the month for further signs of erosion. KRSG is developing a plan to prevent further erosion; the utility pole in the area will be relocated to a more stable location.

Developments Anticipated During the Next Reporting Period

- During the week of April 1, the KRSG is scheduled to complete excavation of 200 linear feet of material located at the downstream end of Removal Area 13B and install resuspension controls in Removal Area 9B. The USEPA is scheduled to host a Public Meeting on April 2.

- During the week of April 7, the KRSG is scheduled to start soil/sediment removal in Removal Area 9B, complete construction of Staging Area 4N, and complete site restoration in Removal Area 13B.

- During the week of April 14, the KRSG is scheduled to grout the scour protection downstream of the water control structure, complete excavation activities in Removal Area 9B, and begin tree and shrub planting in Removal Areas 1 through 8.

- During the week of April 21, the KRSG is scheduled to begin removal of the Phase 1 Cofferdam, continue tree and shrub replanting in Removal Areas 1 through 8, begin post-construction grading of Removal Area 9B, and install resuspension controls in Removal Areas 9A, 10B and 10B1.

- During the week of April 28, the KRSG is scheduled to continue removal of the Phase 1 Cofferdam, continue tree and shrub replanting in Removal Areas 1 through 8, remove the resuspension controls in Removal Area 9B, and begin excavation of Removal Areas 9A, 10B and 10B1.

- The KRSG will continue to submit the *Weekly Construction Report for the Plainwell TCRA* to USEPA and MDEQ in April.

- The KRSG will continue to submit copies of analytical data from TCRA sampling activities to USEPA in April.

- Throughout April, the KRSG will, as necessary, continue to submit Subcontractor Qualification Notifications to USEPA, as required by Paragraph 11 of the TCRA Administrative Order on Consent (AOC).

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Former Plainwell Impoundment TCRA
Monthly Report #13, March 2008

Table A — Summary of Samples Collected and Data Received in March 2008

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action
Aggregate Samples									
K25768	02/19/08	03/03/08 (KAR Labs) and 3/10/08 (TAL)	080579 (KAR Labs) and TCRA28 (TAL)	KAR Labs and TAL	21AA aggregate from Brewer pit on Miller Road in Otsego for construction of Staging Area 4N and associated access roads	TPH, PCBs, TCL VOCs, TCL SVOCs, RCRA Metals, and TCL Pesticides	< 0.055 mg/kg	4	None, no constituents exceeded action limits
K25770	02/26/08	03/10/08 (KAR Labs)and 3/20/08 (TAL)	080698 (KAR Labs) and TCRA30 (TAL)	KAR Labs and TAL	Sand to be mixed with the 21AA aggregate from Brewer pit on Miller Road in Otsego for construction of Staging Area 4N and associated access roads	TPH, PCBs, TCL VOCs, TCL SVOCs, RCRA Metals, and TCL Pesticides	< 0.052 mg/kg	4	None, no constituents exceeded action limits
Carbon Samples									
Carbon 3	02/18/08	03/11/08	TCRA29	TAL	Disposal sample from the spent carbon from the former 500 GPM water treatment system. All other parameters were analyzed in sample Carbon 2 (November 2007)	RCI	NA	NA	None, samples analyzed for waste disposal information
Carbon 4	02/18/08	03/11/08	TCRA29	TAL	Disposal sample of the spent carbon from the 25 GPM water treatment system	PCBs, TCLP VOCs, TCLP SVOCs, TCLP Pesticides, RCRA Metals, RCI	1.4 mg/kg	50	None, samples analyzed for waste disposal information, material is classified as
Soil Sample									
K25769	02/25/08	03/11/08	080677	KAR Labs	Pre-construction composite sample collected from Staging Area 4N. Sample composited from four corners and center of staging area	PCBs	< 0.33 mg/kg	None, baseline sample	None
Surface Water Samples									
TS30000	03/27/08	NR	NR	TAL	150' downstream of RA 13B	PCBs	-	-	-
TS30001					100' upstream of RA 13B	PCBs	-	-	-
TS30002					Rinse Blank	PCBs	-	-	-

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Former Plainwell Impoundment TCRA
Monthly Report #13, March 2008

Table A — Summary of Samples Collected and Data Received in March 2008

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action
Wastewater Samples									
W_SA3S_Influ_0034	03/03/08	03/05/08	080768	KAR Labs	Staging Area 3S, Discharge 34, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0030					Staging Area 3S, Discharge 34, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0030					Staging Area 3S, Discharge 34, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = 16 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0034					Staging Area 3S, Discharge 34, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0034					Staging Area 3S, Discharge 34, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_Influ_0035					Staging Area 3S, Discharge 35, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0031					Staging Area 3S, Discharge 35, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0031					Staging Area 3S, Discharge 35, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0035					Staging Area 3S, Discharge 35, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0035					Staging Area 3S, Discharge 35, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_Influ_0036	03/05/08	03/06/08	080818	KAR Labs	Staging Area 3S, Discharge 36, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0032					Staging Area 3S, Discharge 36, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0032					Staging Area 3S, Discharge 36, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0036					Staging Area 3S, Discharge 36, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0036					Staging Area 3S, Discharge 36, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Former Plainwell Impoundment TCRA
Monthly Report #13, March 2008

Table A — Summary of Samples Collected and Data Received in March 2008

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action
Wastewater Samples (cont.)									
W_SA3S_Influ_0037	03/06/08	03/07/08	080838	KAR Labs	Staging Area 3S, Discharge 37, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0033					Staging Area 3S, Discharge 37, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0033					Staging Area 3S, Discharge 37, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0037					Staging Area 3S, Discharge 37, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0037					Staging Area 3S, Discharge 37, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_Influ_0038	03/07/08	03/10/08	080870	KAR Labs	Staging Area 3S, Discharge 38, influent sample	PCBs	0.1 µg/L	-	-
W_SA3S_MidA_0034					Staging Area 3S, Discharge 38, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0034					Staging Area 3S, Discharge 38, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0038					Staging Area 3S, Discharge 38, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0038					Staging Area 3S, Discharge 38, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_Influ_0039	03/14/08	03/17/08	080870	KAR Labs	Staging Area 3S, Discharge 39, influent sample	PCBs	0.1 µg/L	-	-
W_SA3S_MidA_0035					Staging Area 3S, Discharge 39, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0035					Staging Area 3S, Discharge 39, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0039					Staging Area 3S, Discharge 39, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0039					Staging Area 3S, Discharge 39, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Former Plainwell Impoundment TCRA
Monthly Report #13, March 2008

Table A — Summary of Samples Collected and Data Received in March 2008

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action
Wastewater Samples (cont.)									
W_SA3S_Influ_0040	03/17/08	03/18/08	080990	KAR Labs	Staging Area 3S, Discharge 40, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0036					Staging Area 3S, Discharge 40, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0036					Staging Area 3S, Discharge 40, effluent sample, right side	PCBs, TSS, P	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L; P=0.06 mg/L, No Action Limit
W_SA3S_MidB_0040					Staging Area 3S, Discharge 40, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0040					Staging Area 3S, Discharge 40, effluent sample, left side	PCBs, TSS, P	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L; P=0.05 mg/L, No Action Limit
[W_SA3S_Dup_0009]						[PCBs, TSS, P]	[< 0.1 µg/L]	[Monthly Average of 2.6 x 10-5 µg/L]	[None: TSS = <4 mg/L, Action Limit = 45 mg/L; P=0.05 mg/L, No Action Limit]
W_SA3S_Influ_0041	03/26/08	03/27/08	081102	KAR Labs	Staging Area 3S, Discharge 41, influent sample	PCBs	0.1 µg/L	-	-
W_SA3S_MidA_0037					Staging Area 3S, Discharge 41, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0037					Staging Area 3S, Discharge 41, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0041					Staging Area 3S, Discharge 41, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0041					Staging Area 3S, Discharge 41, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L

See Notes on Page 5.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Former Plainwell Impoundment TCRA
Monthly Report #13, March 2008

Table A — Summary of Samples Collected and Data Received in March 2008

Sample ID	Sample Date	Data Received	Sample Delivery Group	Laboratory	Sample Location	Analysis Conducted	PCB Result	PCB Action Limit	Response Action
Wastewater Samples (cont.)									
W_SA3S_Influ_0042	03/27/08	03/28/08	081118	KAR Labs	Staging Area 3S, Discharge 42, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0038					Staging Area 3S, Discharge 42, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0038					Staging Area 3S, Discharge 42, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0042					Staging Area 3S, Discharge 42, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0042					Staging Area 3S, Discharge 42, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_Influ_0043	03/28/08	03/31/08	081143	KAR Labs	Staging Area 3S, Discharge 42, influent sample	PCBs	< 0.1 µg/L	-	-
W_SA3S_MidA_0039					Staging Area 3S, Discharge 42, midpoint sample, right side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluA_0039					Staging Area 3S, Discharge 42, effluent sample, right side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L
W_SA3S_MidB_0043					Staging Area 3S, Discharge 42, midpoint sample, left side	PCBs	< 0.1 µg/L	-	-
W_SA3S_EffluB_0043					Staging Area 3S, Discharge 42, effluent sample, left side	PCBs, TSS	< 0.1 µg/L	Monthly Average of 2.6 x 10-5 µg/L	None: TSS = <4 mg/L, Action Limit = 45 mg/L

Notes:
* Duplicate samples are shown in brackets.
* Analytical results have not been validated.

GPM - gallon per minute
NA - not analyzed
NR - not received
P - Phosphorus
PCBs - Polychlorinated Biphenyls
RA - Removal Area
RCRA - Resource Conservation and Recovery Act
RCI - Reactivity, Corrosivity, Ignitability
SVOCs - Semi-Volatile Organic Compounds
TAL - TestAmerica Laboratories
TCL - Target Compounds List
TCLP - Toxicity Characteristic Leaching Procedure
TPH - Total Petroleum Hydrocarbons
TSS - Total Suspended Solids
VOCs - Volatile Organic Compounds
mg/kg - milligrams per kilogram
mg/L - milligrams per liter
µg/L - micrograms per liter